

Analytical Summary Report

Analysis Method: SM 4500-SO4E

ANALYST: Niha

Parameter: Sulfate

SUPERVISOR REVIEW BY: Iwona

Run Number: LB134489

Reagent/Standard	Lot/Log #
sulfate CCV 20ppm	WP111642
sulfate ICV 20ppm	WP111643
Sulfate Buffer solution A	WP111691
Sulfate LCS std, 20ppm	WP111644
Sulfate LOD std 2.5PPM	WP111645
Sulfate Calibration std, 15ppm	WP111636
Sulfate Calibration std, 25ppm	WP111647
Sulfate Calibration std, 0ppm	WP111634
Sulfate Calibration std, 10ppm	WP111635
Sulfate Calibration std, 20ppm	WP111637
Sulfate Calibration std, 30ppm	WP111638
Sulfate Calibration std, 40ppm	WP111640
Sulfate Calibration std, 5ppm	WP111641
Sulfate Calibration std, 35ppm	WP111639
Sulfate LOQ Std- 5ppm	WP111646

Intercept: -4.2024

Slope: 3.38

Regression: 0.998322

Seq	Lab ID	True Val (mg/l)	DF	Matrix	Initial Reading	Final Reading	Difference	Result (mg/l)	%D	AnalDate	Anal Time
1	CAL1	0	1	Water	0.196	0.270	0.074	1.265		01/30/2025	10:00
2	CAL2	5	1	Water	0.184	10.800	10.616	4.384	-12.3	01/30/2025	10:04
3	CAL3	10	1	Water	0.202	28.700	28.498	9.675	-3.2	01/30/2025	10:08
4	CAL4	15	1	Water	0.196	46.800	46.604	15.031	0.2	01/30/2025	10:12
5	CAL5	20	1	Water	0.196	62.800	62.604	19.765	-1.2	01/30/2025	10:16
6	CAL6	25	1	Water	0.208	76.200	75.992	23.726	-5.1	01/30/2025	10:20
7	CAL7	30	1	Water	0.200	96.800	96.600	29.823	-0.6	01/30/2025	10:24
8	CAL8	35	1	Water	0.206	118.000	117.794	36.094	3.1	01/30/2025	10:28
9	CAL9	40	1	Water	0.210	132.000	131.790	40.234	0.6	01/30/2025	10:32

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Seq	Lab ID	Initial Weight	Final Vol	True Value (mg/L)	DF	MATRIX	Initial Reading	Final Reading	Difference	Result (mg/L)	AnalDate	Anal Time
1	ICV			20	1	Water	0.204	62.800	62.596	19.763	01/30/2025	10:36
2	ICB				1	Water	0.202	0.262	0.060	1.261	01/30/2025	10:40
3	CCV1			20	1	Water	0.214	64.300	64.086	20.204	01/30/2025	10:44
4	CCB1				1	Water	0.198	0.270	0.072	1.265	01/30/2025	10:48
5	LB134489BL	50	50		1	Water	0.196	0.264	0.068	1.263	01/30/2025	10:52
6	LB134489BS	50	50	20	1	Water	0.212	66.100	65.888	20.737	01/30/2025	10:56
7	Q1168-12	50	50		1	Water	0.194	4.240	4.046	2.440	01/30/2025	11:00
8	CCV2			20	1	Water	0.204	67.700	67.496	21.213	01/30/2025	11:04
9	CCB2				1	Water	0.210	0.262	0.052	1.259	01/30/2025	11:08